

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
8015-1010

SERIAL NO.
10/003,310

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Kenichi NAKAGAWA et al.

FILING DATE
December 6, 2001

GROUP Art Unit
2851 2872

OIP
37 CFR 1.98(b)
SEP 02 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
NG	6,022,664	02/00	Washizu et al.	430	138	
AB						
AC						
AD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
AV	AI	1 098 209 A1	05/01	EP	—	—	NO
AV	AJ	A 9-318801	12/97	JP	—	—	NO
AV	AK	A 5-333202	12/93	JP	—	—	NO
AV	AL	0 399 841 A2	11/90	EP	—	—	NO
AV	AM	A 2000-275411	10/00	JP	—	—	NO
AV	AN	A 4-211252	08/92	JP	—	—	With English abstract
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AV	AT	English Abstract of Japanese Reference AV - 4-211252
	AU	
	AV	
	AX	
	AY	

EXAMINER

DATE CONSIDERED

11/12/04

1C 2800 MAIL ROOM
SEP - 4 2004
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.
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GROUP
~~2851~~ Art Unit 2874

OCT 31 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	EXAMINER INITIAL	TRADEMARK OFFICE	TRADEMARK NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA							
	AB							
	AC							
	AD							

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
ABP	AI	A 11-102025	04/99	JP	—	—	with English abstract NO
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

ABP	AT	English Abstract of Japanese reference No. 11-102025
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	AV	
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